

Zhenzhong Chu

List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Observer-Based Adaptive Neural Network Trajectory Tracking Control for Remotely Operated Vehicle. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1633-1645.	7.2	140
2	Adaptive Fuzzy Sliding Mode Diving Control for Autonomous Underwater Vehicle with Input Constraint. International Journal of Fuzzy Systems, 2018, 20, 1460-1469.	2.3	68
3	Fault reconstruction using a terminal sliding mode observer for a class of second-order MIMO uncertain nonlinear systems. ISA Transactions, 2020, 97, 67-75.	3.1	43
4	Observer-based adaptive neural network control for a class of remotely operated vehicles. Ocean Engineering, 2016, 127, 82-89.	1.9	36
5	Motion control of unmanned underwater vehicles via deep imitation reinforcement learning algorithm. IET Intelligent Transport Systems, 2020, 14, 764-774.	1.7	29
6	Adaptive trajectory tracking control for remotely operated vehicles considering thruster dynamics and saturation constraints. ISA Transactions, 2020, 100, 28-37.	3.1	24
7	3D path-following control for autonomous underwater vehicle based on adaptive backstepping sliding mode. , 2015, , .		13
8	An Adaptive RBF-NMPC Architecture for Trajectory Tracking Control of Underwater Vehicles. Machines, 2021, 9, 105.	1.2	10
9	A continuous hopfield neural network based on dynamic step for the traveling salesman problem. , 2017, , .		9
10	Observer-based adaptive neural sliding mode trajectory tracking control for remotely operated vehicles with thruster constraints. Transactions of the Institute of Measurement and Control, 2021, 43, 2960-2971.	1.1	9
11	Adaptive neural sliding mode trajectory tracking control for autonomous underwater vehicle without thrust model. , 2017, , .		6
12	Obstacle Avoidance Trajectory Planning and Trajectory Tracking Control for Autonomous Underwater Vehicles. , 2018, , .		6
13	Autonomous underwater vehicles navigation method based on Ultra Short Base Line and Dead Reckoning. , 2016, , .		4
14	Underwater vehicle trajectory planning in dynamic environments based on Radau Pseudospectral method. , 2018, , .		3
15	Response Time Analysis for Nonperiodic CAN Message Based on GI/G/1 Queue Model. Mathematical Problems in Engineering, 2021, 2021, 1-8.	0.6	2
16	Adaptive Trajectory Tracking Control for Remotely Operated Vehicles Based on Disturbance Observer. Lecture Notes in Computer Science, 2018, , 137-146.	1.0	1
17	Thruster fault feature extraction method for underwater vehicle. , 2020, , .		1
18	Generic model control based on fuzzy neural network for underwater vehicles. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Design of seven-function master-slave underwater electric manipulator. , 2021, , .		0
20	Fuzzy Sliding Mode Control Method for AUV Buoyancy Regulation System. Complexity, 2021, 2021, 1-12.	0.9	0